Halcyon

For over 30 years, we have been
making the hottest places cool and
the coolest places more comfortable.

Mini-Split Air Conditioners and Heat Pumps

FUJITSU THE POSSIBILITIES ARE INFINITE

Halcyon

The intelligent

at play...

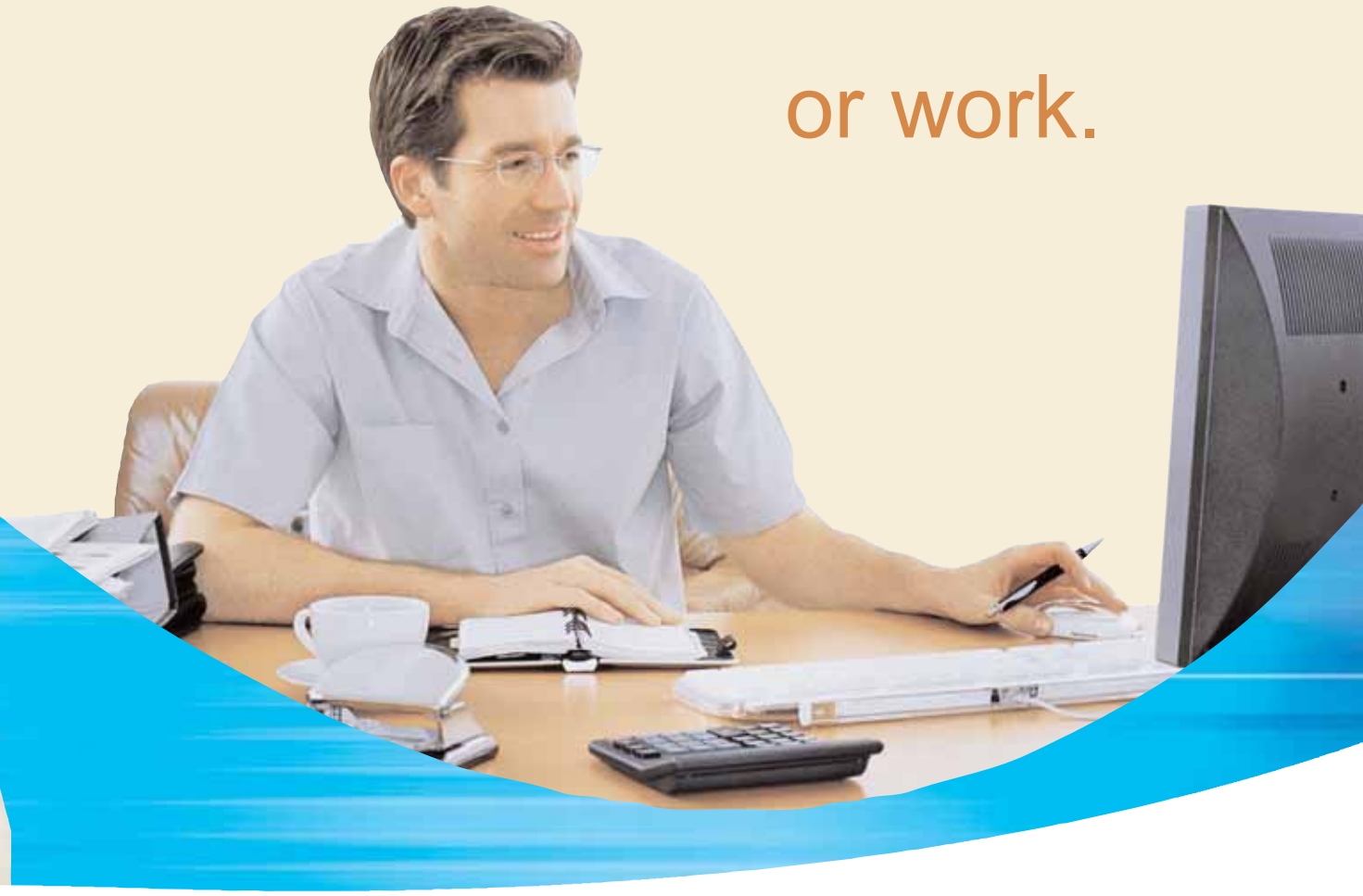
WHO IS FUJITSU?

Engineering Excellence

Fujitsu's innovation drives the success of the Halcyon line. Our manufacturing facilities have met ISO9001 and ISO14001 international standards that assure quality and reliability. These products have been designed to provide zoned comfort for residential and commercial applications. Engineered to install quickly and easily without ductwork, Halcyon systems provide preferred cooling and heating solutions where others cannot.

choice in comfort

or work.



Global Production

With global sales approaching nearly 3 million units a year, we have produced and shipped air conditioning systems throughout the world to make the hottest places cool and the coolest places more comfortable.

Comfort Today and Tomorrow

Halcyon by Fujitsu is a new way to think about air conditioning. Now you can choose a high performance, permanent and easy-to-install air conditioning system that quietly blends with your environment.

Fujitsu, the W.I.S.E.R. choice

Warranty

100% increase in parts warranty to 2-years, 20% increase in compressor warranty to 6-years.

Indoor Air Quality

Better indoor air quality with electronic plasma filtration that collects dust, cigarette smoke and pollen, as well as absorbs odors.

Size

Fujitsu's ductless are packed with yet are smaller models by up to

IAQ - Indoor Air Quality

Houses, Apartments, Condominiums, Multi-Family Units

Fujitsu's I.A.Q. Systems provide residential and commercial property owners an innovative solution for clean, temperature-controlled indoor air. The Halcyon IAQ systems deliver powerful heating and cooling, are designed for ease of use and maintenance, and feature an unobtrusive design which can be integrated easily into any décor. The Halcyon IAQ systems filter dust, pollen and odor making them the perfect addition to any home.

Flush Mount - 4 Way Air Flow

Restaurants, Conference Rooms, Computer Rooms

Mounting flush with a suspended ceiling our ceiling cassettes can be recessed above with minimum clearance. When adequate clearance is not available our slender fit feature drops the indoor unit by 1-3/8" with a clean look providing additional clearance above the ceiling making them one of the slimmest cassettes available. Couple that with advanced design features like a built in condensate pump, knockouts available for field supplied branch ducts and automatic change-over from cooling to heating.

in ductless comfort.

mini-splits features, than prior 39%.

Efficiency

Fujitsu's inverter-driven systems are up to 110% more efficient than prior models. Increased efficiencies mean lower utility costs.

R410A

All systems use environmentally friendly R410A refrigerant designed to prevent the depletion of the ozone layer which protects us from the harmful rays of the sun.

Up to 4 Zone Capability

Doctors' Offices, Nursing Homes, Residential Housing

Fujitsu's multi-zone IAQ inverter mini-split heat pump systems let installers mix and match evaporators and condensers to create the perfect climate control system for almost any sized space, customizable to the unique capacity requirements of residential and commercial environments. By mixing and matching two condensers and three evaporators, installers create a total of nine different systems, ranging in capacity from 18,000 to 36,000 BTU.

Fresh Air Intake

Schools, Churches, Warehouses, Large Spaces

Fujitsu has an attractive way to accommodate difficult-to-cool areas with a slim universal system that can be suspended from the ceiling, placed low on the wall or rested on the floor. For areas, when floor and wall space is restricted, Fujitsu's ceiling suspended system 36RSLX (ceiling mount only) can be partially recessed. Universal and ceiling suspended systems can access "fresh air".

How Does a Mini-Split Work?

Quiet Operation

Ductless air conditioners are comprised of an indoor and outdoor unit, which allows for a peaceful inside environment by enabling the contractor to install louder components like compressors and motors outdoors.

Easy Installation

Copper tubing running through a small 3 to 4-inch opening in the wall or ceiling easily connects the indoor and outdoor units. Refrigerant is cycled through the lines from the outdoor condensing unit to the indoor unit, where the air is quietly distributed to the interior space.

Energy Efficient

Conventional air duct systems tend to be bulky and can require special structural attention while Halcyon system piping can often be routed through walls and joists to maintain aesthetics.

The Future of Technology

Ductless Mini-Splits

Cool air without ductwork. Since hot air rises and cold air falls by mounting the cooling section compactly on the wall, near the ceiling allows the unit to remove heat more efficiently and deliver cooling directly to the space where you need it. Automatic swing louvers and multiple fan speeds allow you to control the amount and direction of the airflow to maximize comfort.

Central Air Conditioners

Cold air originates many yards from its cooling destination, usually in a basement or a hot attic space. This means cold air, as it travels through ductwork, begins to warm up and can lose up to 40%* of its cooling capacity along the way. This adds up to extra money spent on energy bills cooling spaces you can't enjoy.

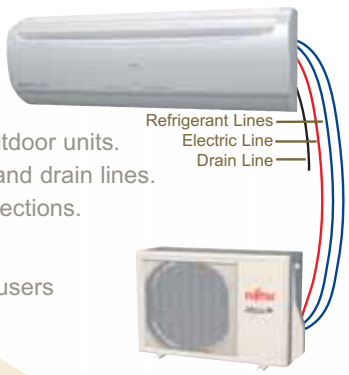
Window Air-Conditioners

Combine a noisy compressor section with the cooling coil and fan. This process transfers noise from the compressor section into the conditioned space. They may seem like a quick fix to the summer heat. But, they take up your window space and they deliver cold air across the middle of the room, where it blows uncomfortably, directly on the room occupants.

The Solution is Clear

- Cool only the areas you want and not the areas where you are not.
- Individual zoning at the push of a button, putting you in total comfort control.
- Less than 5% cooling loss occurs in insulated refrigerant lines versus up to 40%* through ducts.
- Requiring just a 3 to 4" diameter hole in the outside wall means less mess, better home aesthetics, and improved security, unlike a window unit.
- Halcyon models mount high on the wall so they don't disturb your view.
- Fujitsu units add value to your home and are more efficient than old window units, saving you money.

Installation is as simple as 1, 2, 3…

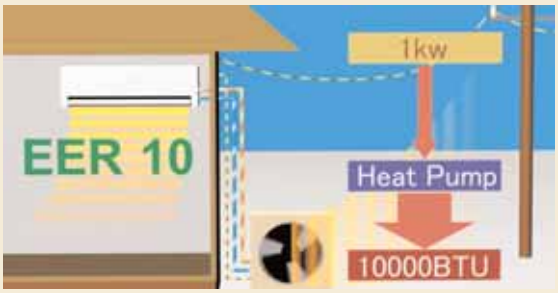


1. Mount indoor and outdoor units.
2. Connect refrigerant and drain lines.
3. Make electrical connections.

An easy installation for contractors saves end users time and money.

* Statistic taken from "Improving the Efficiency of Your Duct System", U.S. Department of Energy.

An electric heater converts electricity directly to heat, and if we assume that the heat loss is zero, the output from one kilowatt input is one kilowatt or 3,400 BTU and the EER is 3.4.



Heat pumps are more efficient than some other forms of heating because heat pumps do not actually create heat - they just move it from one place to another. For example, the output of an efficient 10 EER heat pump is triple that of an electric heater.

*EER (Energy Efficiency Rating) = Rated BTU capacity divided by total kW input.

What is a Heat Pump?

A device that acts as an air conditioner in the summer and as a heater in the winter providing heating and cooling to homes and businesses in one system. Heat pumps function exactly like an air conditioner in the summer absorbing heat from your home or business and moving it outdoors. The cost to cool a space with a heat pump is the same as with an air conditioner with the same efficiency rating. In the winter a heat pump is basically an air conditioner with a valve that allows it to operate in reverse, absorbing heat from the outside air and moving it indoors.

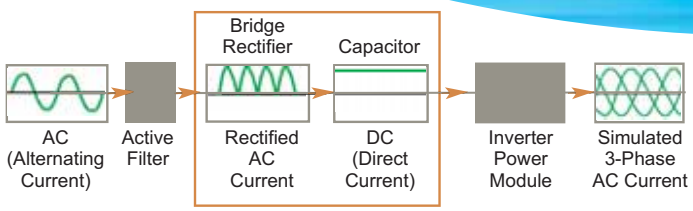
In some climates a heat pump may handle your heating and cooling needs more efficiently then a furnace or air conditioner. This system usually requires some other source of heat to satisfy heating requirements in colder environments. Because 75% of our line is inverter heat pumps they offer wider operating range and up tp 30% more heat capacity than a standard heat pump.

Inverter Technology

What is an Inverter?

An inverter air conditioner is both a converter of AC (alternating current) to DC (direct current) and an inverter changing DC to simulated frequency adaptable AC.

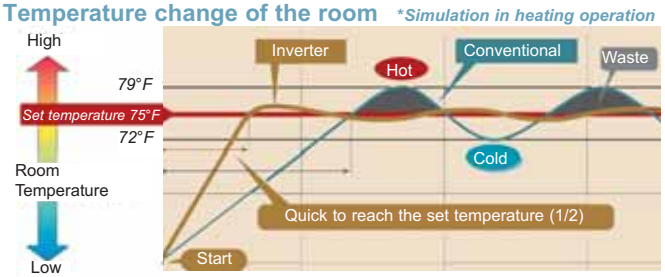
The active filter and bridge rectifier rectifies AC by flattening output to create DC power supply. The IPM (Inverter Power Module) uses electrical components such as transistors and diodes to switch and chop created DC to make simulated AC at required frequency and voltage.



Inverter Mini-Split Benefits

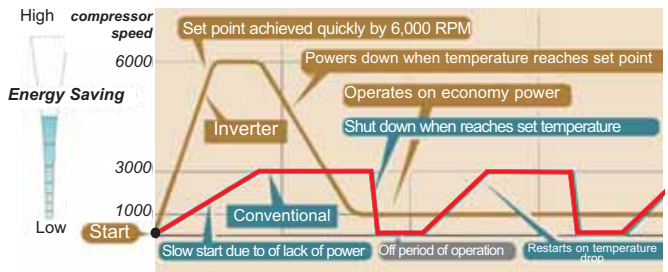
Compared to the common on/off controlled compressor, the inverter controlled compressor runs at the proper revolution to provide the best efficiency and reduce losses. When the maximum capacity is not required, the compressor revolution is decreased. This means the input power decreases too, which results in increased system efficiency. Variable speed inverter driven compressors provide a range of capacity and are listed with minimal, nominal (rated) and maximum capacities.

Temperature change of the room **Simulation in heating operation*



Time to reach set temperature is cut in half. Inverter systems provide a more stable room temperature.

Compressor Operation



Features At A Glance

	9CQ	9RQ	9RLQ	12CQ	12RQ	12RLQ	18CL	18RL	24CL	24RL	30CLX	36CLX	18RULX	24RULX	36RSLX	18RCLX	24RCLX	36RCLX	42RCLX	24RMLQ	36RMLQ
SEER	14	14	21	13	13	21	19	19	18	18	15	15	16	15	14	16	15	14	15	16*	15*
HSPF	-	8.2	11	-	8.2	11	-	10	-	10	-	-	8.5	8.5	8.5	8.5	8.5	8.5	8.5	9*	9*
Plasma Filter	●	●	●	●	●	●														●	●
Sleep Timer	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●					●	●
24 Hour Timer	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●					●	●
Weekly Timer	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	●	●	●	●		
Dry Mode	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Auto Louver: Up/ Down	●	●	●	●	●	●	●	●								●	●	●	●	●	●
Auto Louver: 4 Way									●	●	●	●	●	●	●						
Auto Mode	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
Energy Saver													□	□	□	●	●	●	●		
Quiet Mode	●	●	●	●	●	●	●	●	●	●	●	●								●	●
Power Diffuser									●	●	●	●									
Auto Restart/Reset	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Auto Changeover		●	●		●	●		●		●			●	●	●	●	●	●	●	●	●
Low Ambient	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Cold Prevention		●	●		●	●		●		●			●	●	●	●	●	●	●	●	●
Slender Fit																●	●	●	●		
Apple Catechin Filter							●	●	●	●	●	●									
Ion Deodorizing Filter							●	●	●	●	●	●									
Coil Dry Mode			●			●		●		●										●	●
Wired/Wireless Switching	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□					□	□
Remote Controller Sensor													□	□	□	●	●	●	●	□	□
Pump Down Operation											●	●	●	●	●	●	●	●	●	●	●
High Ceiling Mode																●	●	●	●		
Branch Duct Capable																●	●	●	●		
Fresh Air Intake													●	●	●						

□ Available only with optional wired remote controller.
* SEER/HSPF varies based on mix of indoor units selected.

SEER
Seasonal Energy Efficiency Rating. Used to express the efficiency of an AC or Heat Pump. The higher the rating the more efficient.

HSPF
Heating Seasonal Performance Factor, measures the efficiency of heating portion of your heat pump.

IAQ Plasma Filter
High performance electronic air cleaner removes dust and odor, improving indoor air quality.

Sleep Timer
Automatically adjusts the temperature while you sleep to make you more comfortable.

24 Hour Timer
Four different time ranges can be programmed to provide flexible temperature control to meet your needs throughout the day.

Weekly Timer
Allows you to set on/off time twice a day and a different on/off time by day.

Dry Mode
Helps to control humidity levels when cooling may not be needed.

Auto Louver: Up/Down
Redirects airflow automatically with seven position up and down motion which can be set to auto swing.

Auto Louver: 4 Way
Redirects airflow automatically with up/down and left/right motion.

Auto Mode
System starts in high fan speed and automatically adjusts downward as room begins to reach set temperature.

Energy Saver
Keeps room cool enough for comfort by using a relaxed thermostat setting reducing power consumption.

Quiet Mode
An extra quiet fan speed to make sure you are not disturbed.

Power Diffuser
An additional louver that opens based on monitoring sensors to quickly enhance immediate comfort needs.

Auto Restart/Reset
Following a temporary power failure, systems will automatically restart in the same operating mode as before, once the power has been restored.

Auto Changeover
Provides functional change from cooling to heating or vice-versa automatically depending on set temperature. Operating range is ±4°F relative to the set temperature.

Low Ambient
Systems can operate in cooling mode even when outdoor ambient is 0°F, 14°F or 32°F, depending on model, without modification.

Cold Prevention
Indoor coil will warm prior to fan operating, preventing cold air during heating mode.

Slender Fit
Cassette body can be moved downward into the room 1-3/8” to accommodate limited ceiling space.

Apple Catechin Filter
Dust, mold spores and microorganisms are absorbed onto the filter by static electricity and growth is inhibited and deactivated by the polyphenol ingredient extracted from apples.

Ion Deodorizing Filter
The filter deodorizes by powerfully decomposing absorbed odors using the oxidizing and reducing effects of ions generated by the ultrafine particle ceramic.

Coil Dry Mode
After power is off, an internal drying function starts preventing the growth of mold and bacteria inside the indoor unit.

Wired/Wireless Switching
This switch must be enabled when installing the optional wired remote controller

Remote Controller Sensor
Room temperature sensor is located in optional wired remote controller only.

Pump Down Operation
Collects all refrigerant in the system back into the outdoor unit when the unit is to be moved or before servicing the refrigerant circuit.

High Ceiling Mode
Temperature at the top of a high ceiling room may be warmer then the space occupied; this mode allows system to adjust for this difference.

Branch Duct Capable
Systems are capable of attaching two field-supplied 4” branch ducts providing 50% of the cooling up to 16 feet away.

Fresh Air Intake
Outside air can be introduced by attaching field supplied flexible duct to fresh air knockouts.

Wall Mounted 9,000 and 12,000 BTU Systems

IAQ ELECTRONIC PLASMA FILTER SYSTEMS 9CQ, 9RQ, 12CQ, 12RQ

UP TO 14.3-SEER

Function

13 and 14-SEER cooling-only and heat pump systems have over a 30% increase in efficiency over conventional 10-SEER models and feature Indoor Air Quality IAQ Plasma Filter, environmentally friendly R410A refrigerant, quieter operation and increased energy efficiency.

Standard Features

- Wireless Remote Control
- Plasma Filter
- Sleep Timer
- 24 Hour Timer
- Dry Mode
- Auto Louver: Up/ Down
- Auto Mode
- Quiet Mode
- Auto Restart/Reset
- Low Ambient
- Cold Prevention

Optional Remote

UTB-UUB

- Weekly Timer
- Full Function Wired Remote
- Child Lock Capable

Applications

This category of equipment is ideal for smaller spaces where spot cooling is required. Residential applications including sunrooms and additions are made easier with these 115 volt air conditioners and heat pumps. Do you have a warm spot in your home? Our mini-splits can provide extra cooling capacity for those hard to cool areas. Commercially, their small size makes them ideal for small offices, providing individual temperature control.

	9CQ Cooling Only	12CQ Cooling Only	9RQ Heat Pump	12RQ Heat Pump
Nominal Cooling *BTU/h*	9,700	12,300	9,700	12,300
Nominal Heating *BTU/h*	-	-	9,600	12,800
HSPF *BTU/hW*	-	-	8.2	8.2
SEER *BTU/hW*	14.3	13.5	14.3	13.7
EER *Clg/Htg*	11.8	11.6	11.8/13.9	11.5/12.9
Clg. Operating Range °F(°C)	32~115 (0~46)	32~115 (0~46)	32~115 (0~46)	32~115 (0~46)
Htg. Operating Range °F(°C)	-	-	17~75 (-8~24)	17~75 (-8~24)
Moisture Removal *Pt./h(l/h)*	2.1 (1.0)	3.2 (1.5)	2.1 (1.0)	3.2 (1.5)
Voltage/Frequency/Phase	115/60/1	115/60/1	115/60/1	115/60/1
Recommended Fuse Size *(A)*	15	20	15	20
Air Circ. *C.F.M. (m^3/h)*: Hi	324 (550)	383 (650)	324 (550)	383 (650)
Medium	271 (460)	324 (550)	271 (460)	324 (550)
Low	241 (410)	265 (450)	241 (410)	265 (450)
Quiet	200 (340)	206 (350)	200 (340)	206 (350)
Noise Level *dB(A)*: Hi	40	45	38	42
Medium	36	40	34	37
Low	31	35	29	32
Quiet	26	28	25	27
Outdoor Fan Speed *RPM*	640	770	640	770
Outdoor Noise Level *dB(A)*	43	45	43/45 (Clg/Htg)	45/46 (Clg/Htg)
Current *(A)*: Cooling	7.6	9.8	7.6	9.9
Heating	-	-	6.5	9.2
Power Use *(kw)*: Cooling	0.82	1.06	0.82	1.07
Heating	-	-	0.69	0.99
Fan Speeds *Stage*	4 + Auto	4 + Auto	4 + Auto	4 + Auto
Air Direction: *Horizontal*	Manual	Manual	Manual	Manual
Vertical	Automatic	Automatic	Automatic	Automatic
Air Filter	Washable	Washable	Washable	Washable
Plasma Filter	Yes	Yes	Yes	Yes
Connection Method	Flare	Flare	Flare	Flare
Combined Max. Lgth *Ft (m)*	49 (15)	49 (15)	49 (15)	49 (15)
Max. Vertical Diff. *Ft (m)*	26 (8)	26 (8)	26 (8)	26 (8)
Conn. Pipe Diameter *Inch*	Suc. 3/8 / Dis. 1/4	Suc. 3/8 / Dis. 1/4	Suc. 3/8 / Dis. 1/4	Suc. 3/8 / Dis. 1/4
Net Weight *lbs. (kg)*	21 (9.5) / 68 (31)	21 (9.5) / 77 (35)	21 (9.5) / 71 (32)	21 (9.5) / 79 (36)
Dimensions: Height *Inch*	11-1/8 / 21-3/8	11-1/8 / 21-3/8	11-1/8 / 21-3/8	11-1/8 / 21-3/8
mm	283 / 540	283 / 540	283 / 540	283 / 540
Width *Inch*	31-1/8 / 31-1/8	31-1/8 / 31-1/8	31-1/8 / 31-1/8	31-1/8 / 31-1/8
mm	790 / 790	790 / 790	790 / 790	790 / 790
Depth *Inch*	9-1/8 / 11-1/2	9-1/8 / 11-1/2	9-1/8 / 11-1/2	9-1/8 / 11-1/2
mm	230 / 290	230 / 290	230 / 290	230 / 290
Refrigerant	R410A	R410A	R410A	R410A
	Indoor ASU9CQ / Outdoor AOU9CQ	Indoor ASU12CQ / Outdoor AOU12CQ	Indoor ASU9RQ / Outdoor AOU9RQ	Indoor ASU12RQ / Outdoor AOU12RQ

6 Year Compressor 2 Year Parts WARRANTY

Refrigerant R410A

21-SEER Wall Mounted 9,000 and 12,000 BTU Systems

SUPER ENERGY EFFICIENCIES
SYSTEMS 9RLQ, 12RLQ

21-SEER

	9RLQ Heat Pump	12RLQ Heat Pump
Nominal Cooling *BTU/h*	9,000	12,000
Min.~Max. Cooling *BTU/h*	3,600~12,000	3,800~14,500
Nominal Heating *BTU/h*	12,000	16,000
Min.~Max. Heating *BTU/h*	3,000~18,000	3,100~21,000
HSPF *BTU/hW*	11.0	10.55
SEER *BTU/hW*	21.0	21.0
EER *Clg/Htg*	13.4/14.5	12.5/12.8
Clg. Operating Range °F(°C)	14~115 (-10~46)	14~115 (-10~46)
Htg. Operating Range °F(°C)	5~75 (-15~24)	5~75 (-15~24)
Moisture Removal *Pt./h(l/h)*	2.7 (1.3)	3.8 (1.8)
Voltage/Frequency/Phase	208-230/60/1	208-230/60/1
Recommended Fuse Size *(A)*	20	20
Air Circ. *C.F.M. (m^3/h)*: Hi	350 (595)	374 (635)
Medium	280 (476)	300 (510)
Low	224 (381)	240 (408)
Quiet	180 (306)	192 (326)
Noise Level *dB(A)*: Hi	42/42 (Clg/Htg)	43/43 (Clg/Htg)
Medium	37/37 (Clg/Htg)	37/37 (Clg/Htg)
Low	31/30 (Clg/Htg)	31/30 (Clg/Htg)
Quiet	22/22 (Clg/Htg)	22/22 (Clg/Htg)
Outdoor Fan Speed *RPM Clg/Htg*	760/680	760/680
Outdoor Noise Level *dB(A)*	47/48 (Clg/Htg)	47/49 (Clg/Htg)
Current *Rated/Max (A)*: Cooling	3.2/6.0	4.5/7.0
Heating	3.9/8.5	5.7/10.0
Power Use *Rated/Max (kw)*: Cooling	0.67/1.2	0.96/1.5
Heating	0.83/1.8	1.25/2.14
Fan Speeds *Stage*	4 + Auto	4 + Auto
Air Direction: *Horizontal*	Manual	Manual
Vertical	Automatic	Automatic
Air Filter	Washable	Washable
Plasma Filter	Yes	Yes
Connection Method	Flare	Flare
Combined Max. Lgth *Ft (m)*	66 (20)	66 (20)
Max. Vertical Diff. *Ft (m)*	49 (15)	49 (15)
Conn. Pipe Diameter *Inch*	Suc. 3/8 / Dis. 1/4	Suc. 3/8 / Dis. 1/4
Net Weight *lbs. (kg)*	21 (9.5) / 77 (35)	21 (9.5) / 82 (37)
Dimensions: Height *Inch*	11-1/8 / 21-1/4	11-1/8 / 21-1/4
mm	283 / 540	283 / 540
Width *Inch*	31-1/8 / 31-1/8	31-1/8 / 31-1/8
mm	790 / 790	790 / 790
Depth *Inch*	9-1/16 / 11-7/16	9-1/16 / 11-7/16
mm	230 / 290	230 / 290
Refrigerant	R410A	R410A
	Indoor ASU9RLQ / Outdoor AOU9RLQ	Indoor ASU12RLQ / Outdoor AOU12RLQ

Note: Figures are based on 230 Volts.

6 Year Compressor 2 Year Parts WARRANTY

Refrigerant R410A

INVERTER

Function

These systems are true energy misers with a seasonal energy efficiency rating of 21-SEER. These cooling only and heat pump systems are over 110% more efficient than older 10-SEER models. Fujitsu, the industry leader in energy efficient ductless mini-splits, uses variable speed inverter technology to help achieve some of the highest SEER equipment available.

Standard Features

- Wireless Remote Control
- Plasma Filter
- Sleep Timer
- 24 Hour Timer
- Dry Mode
- Auto Louver: Up/ Down
- Auto Mode
- Quiet Mode
- Auto Restart/Reset
- Auto Changeover
- Low Ambient
- Cold Prevention

Optional Remote

- Weekly Timer
- Full Function Wired Remote
- Child Lock Capable

UTB-UUB

Applications

The high efficiency of these systems helps them pay for themselves by slashing electrical costs. Strong, quiet and efficient DC motors are used both indoors and outdoors. High performance fan blades, condensers and evaporators combined with variable speed inverter-driven compressors makes for unmatched performance. Variable speed compressors automatically adjust to fluctuating room capacity requirements.

Please Note: Due to the use of inverter, system is now 208-230 single phase.

Wall Mounted 18,000 BTU Systems

ENGINEERING SOPHISTICATION

SYSTEMS 18CL, 18RL

19-SEER

Function

19-SEER cooling-only and heat pump systems provide almost a 90% increase in efficiency over conventional 10-SEER models and feature ultra compact size, R410A refrigerant, quieter operation and increased energy efficiency. Indoor units are over 30% smaller than competing units, making them easier to install in more locations.

Standard Features

- Wireless Remote Control
- Sleep Timer
- 24 Hour Timer
- Dry Mode
- Auto Louver: Up/ Down
- Auto Mode
- Quiet Mode
- Auto Restart/Reset
- Auto Changeover
- Low Ambient
- Cold Prevention
- Apple Catechin Filter
- Ion Deodorizing Filter
- Coil Dry Mode

Optional Remote

- Weekly Timer
- Full Function Wired Remote
- Child Lock Capable

UTB-UUB

Applications

Clean, aesthetic design, small but mighty indoor units are 18-24" shorter in length than competing units, helping them blend into any room. Ideal for spaces requiring additional capacity but are limited on space. The flexibility of the variable speed compressor helps system adapt to shifts in heat load by additional guests or afternoon sun. This heat pump provides 17% additional available heat when compared to conventional models.

	18CL Cooling Only		18RL Heat Pump	
Nominal Cooling *BTU/h*	18,000		18,000	
Min.~Max. Cooling *BTU/h*	5,500~19,000		5,500~19,000	
Nominal Heating *BTU/h*	-		21,600	
Min.~Max. Heating *BTU/h*	-		4,600~29,000	
HSPF *BTU/hW*	-		10.0	
SEER *BTU/hW*	19.0		19.0	
EER *Clg/Htg*	10.4		10.4/11.2	
Clg. Operating Range °F(°C)	14~115 (-10~46)		14~115 (-10~46)	
Htg. Operating Range °F(°C)	-		5~75 (-15~24)	
Moisture Removal *Pt./h(l/h)*	5.9 (2.8)		5.9 (2.8)	
Voltage/Frequency/Phase	208-230/60/1		208-230/60/1	
Recommended Fuse Size *(A)*	20		20	
Air Circ. *C.F.M. (m^3/h)*: Hi	412 (700)		412 (700)	
Medium	342 (581)		342 (581)	
Low	271 (460)		271 (460)	
Quiet	218 (370)		218 (370)	
Noise Level *dB(A)*: Hi	44		44/37 (Clg/Htg)	
Medium	38		38/37 (Clg/Htg)	
Low	32		32/32 (Clg/Htg)	
Quiet	25		25/27 (Clg/Htg)	
Outdoor Fan Speed *RPMClg/Htg*	860		860/820	
Outdoor Noise Level *dB(A)*	50		50/51 (Clg/Htg)	
Current *Rated/Max (A)*: Cooling	7.7/9.0		7.79.0	
Heating	-		8.6/13.5	
Power Use *Rated/Max (kw)*: Cooling	1.73/2.0		1.73/2.0	
Heating	-		1.93/2.9	
Fan Speeds *Stage*	4 + Auto		4 + Auto	
Air Direction: *Horizontal*	Manual		Manual	
Vertical	Automatic		Automatic	
Air Filter	Washable		Washable	
Plasma Filter	No		No	
Connection Method	Flare		Flare	
Combined Max. Lgth *Ft (m)*	66 (20)		66 (20)	
Max. Vertical Diff. *Ft (m)*	49 (15)		49 (15)	
Conn. Pipe Diameter *Inch*	Suc. 1/2	Dis. 1/4	Suc. 1/2	Dis. 1/4
Net Weight *lbs. (kg)*	20 (9)	88 (40)	20 (9)	88 (40)
Dimensions: Height *Inch*	10-13/16	22-3/4	10-13/16	22-3/4
mm	275	578	275	578
Width *Inch*	31-1/8	31-1/8	31-1/8	31-1/8
mm	790	790	790	790
Depth *Inch*	8-7/16	11-13/16	8-7/16	11-13/16
mm	215	300	215	300
Refrigerant	R410A		R410A	
	Indoor ASU18CL	Outdoor AOU18CL	Indoor ASU18RL	Outdoor AOU18RL

Note: Figures are based on 230 Volts.

6 Year Compressor 2 Year Parts WARRANTY

Refrigerant R410A

INVERTER

Wall Mounted 24, 30, and 36,000 BTU Systems

ULTRA COMPACT SIZE SYSTEMS 24CL, 24RL, 30CLX, 36CLX

Up to 18-SEER

	24CL Cooling Only	24RL Heat Pump	30CLX Cooling Only	36CLX Cooling Only
Nominal Cooling *BTU/h*	24,200	24,200	30,700	33,100
Min.~Max. Cooling *BTU/h*	5,200~26,000	5,200~26,000	9,900~32,400	9,900~34,100
Nominal Heating *BTU/h*	-	27,600	-	-
Min.~Max. Heating *BTU/h*	-	4,100~36,200	-	-
HSPF *BTU/hW*	-	10.0	-	-
SEER *BTU/hW*	18.0	18.0	15.0	15.0
EER *Clg/Htg*	10.5	10.5/11.2	8.9	8.2
Clg. Operating Range °F(°C)	14~115 (-10~46)	14~115 (-10~46)	14~115 (-10~46)	14~115 (-10~46)
Htg. Operating Range °F(°C)	-	5~75 (-15~24)	-	-
Moisture Removal *Pt./h(l/h)*	5.3 (2.5)	5.3 (2.5)	9.7 (4.6)	10.1 (4.8)
Voltage/Frequency/Phase	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1
Recommended Fuse Size *(A)*	25	25	30	30
Air Circ. *C.F.M. (m^3/h)*: Hi	647 (1,100)	647 (1,100)	647 (1,100)	706 (1,200)
Medium	530 (900)	530 (900)	530 (900)	530 (900)
Low	436 (740)	436 (740)	436 (740)	436 (740)
Quiet	365 (620)	365 (620)	365 (620)	365 (620)
Noise Level *dB(A)*: Hi	47	47/45 (Clg/Htg)	47	49
Medium	41	41/41 (Clg/Htg)	41	41
Low	36	36/36 (Clg/Htg)	36	36
Quiet	32	32/32 (Clg/Htg)	32	32
Outdoor Fan Speed *RPM Clg/Htg*	1,000	1,000/1,050	850	850
Outdoor Noise Level *dB(A)*	52	52/53 (Clg/Htg)	53	54
Current *Rated/Max (A)*: Cooling	10.1/12.0	10.1/12.0	15.2/18.0	17.7/19.0
Heating	-	10.8/17.5	-	-
Power Use *Rated/Max (kw)*: Cooling	2.3/2.6	2.3/2.6	3.5/4.1	4.0/4.3
Heating	-	2.5/3.9	-	-
Fan Speeds *Stage*	4 + Auto	4 + Auto	4 + Auto	4 + Auto
Air Direction: *Horizontal*	Auto	Auto	Auto	Auto
Vertical	Automatic	Automatic	Automatic	Automatic
Air Filter	Washable	Washable	Washable	Washable
Plasma Filter	No	No	No	No
Connection Method	Flare	Flare	Flare	Flare
Combined Max. Lgth *Ft (m)*	98 (30)	98 (30)	164 (50)	164 (50)
Max. Vertical Diff. *Ft (m)*	66 (20)	66 (20)	98 (30)	98 (30)
Conn. Pipe Diameter *Inch*	Suc. 5/8 Dis. 1/4	Suc. 5/8 Dis. 1/4	Suc. 5/8 Dis. 3/8	Suc. 5/8 Dis. 3/8
Net Weight *lbs. (kg)*	31 (14) 97 (44)	31 (14) 97 (44)	31 (14) 137(62)	31 (14) 137(62)
Dimensions: Height *Inch*	12-5/8 22-3/4	12-5/8 22-3/4	12-5/8 32-3/4	12-5/8 32-3/4
mm	320 578	320 578	320 830	320 830
Width *Inch*	39-1/4 31-1/8	39-1/4 31-1/8	39-1/4 35-3/8	39-1/4 35-3/8
mm	998 790	998 790	998 900	998 900
Depth *Inch*	9 12-3/8	9 12-3/8	9 13	9 13
mm	228 315	228 315	228 330	228 330
Refrigerant	R410A	R410A	R410A	R410A
	Indoor ASU24CL / Outdoor AOU24CL	Indoor ASU24RL / Outdoor AOU24RL	Indoor ASU30CLX / Outdoor AOU30CLX	Indoor ASU36CLX / Outdoor AOU36CLX

Note: Figures are based on 230 Volts.

6 Year Compressor 2 Year Parts WARRANTY

Refrigerant R410A

INVERTER

Function

Ultra compact yet efficient, these systems provide maximum cooling in 30% less space while saving you money.

Standard Features

- Wireless Remote Control
- Sleep Timer
- 24 Hour Timer
- Dry Mode
- Auto Louver: 4 Way
- Auto Mode
- Quiet Mode
- Power Diffuser
- Auto Restart/Reset
- Low Ambient
- Cold Prevention
- Apple Catechin Filter
- Ion Deodorizing Filter
- Coil Dry Mode*
- Pump Down Operation**
- Auto Changeover

Optional Remote

- Weekly Timer
- Full Function Wired Remote
- Child Lock Capable

Applications

The flexibility of the variable speed compressor helps system adapt to shifts in heat load by occupants or fluctuating heat generated by computers. This heat pump provides 13% additional available heat when compared to conventional models.

* Only available on System 24RL.
**Contractor feature only. Only available on Systems 30CLX and 36CLX.

Wall Mounted Mix & Match Multi-Zone Systems

DUAL, TRI AND QUAD ZONE SYSTEMS

Up to 16.5-SEER*

POSSIBLE COMBINATIONS	
Cooling	**Heat Pump**
9 + 9	9 + 9
12 + 12	12 + 12
9 + 12	9 + 12
9 + 9 + 18	9 + 9 + 18
9 + 9 + 9	9 + 9 + 9
9 + 9 + 9 + 9	9 + 9 + 9 + 9
12 + 12 + 12	12 + 12 + 12
9 + 9 + 12	9 + 9 + 12
12 + 12 + 9	12 + 12 + 9

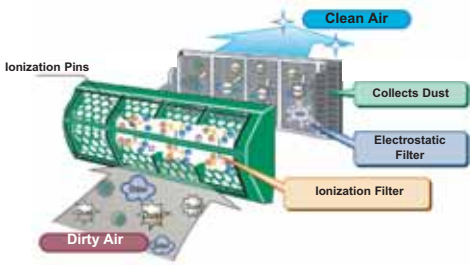
Function

Up to 16.5-SEER in efficiency cooling-only and heat pump systems have up to a 65% increase in efficiency over conventional 10-SEER models and feature Indoor Air Quality (IAQ) Plasma Filters, R410A refrigerant, quieter operation and increased energy efficiency and up to four zones cooled or heated by one outdoor unit.

Standard Features

- Wireless Remote Control
- Plasma Filter
- Sleep Timer
- 24 Hour Timer
- Dry Mode
- Auto Louver: Up/ Down
- Quiet Mode
- Auto Restart/Reset
- Auto Changeover
- Low Ambient
- Cold Prevention
- Coil Dry Mode
- Pump Down Operation

PLASMA AIR FILTER



High performance electronic air cleaner removes dust and odor, improving indoor air quality.

Optional Remote

- Full Function Wired Remote
- Remote Controller Sensor
- Child Lock Capable

UTB-UUB

Applications

Contractors can select either a 24 or 36,000 BTU outdoor units combined with 9,000, 12,000 or 18,000 BTU indoor units to create 9 different systems with up to 18 different applications considering cooling and heating. This selection flexibility helps to assure the proper selection of equipment to achieve maximum results. They are ideal for nursing homes; doctor's offices; condominiums, apartments and residences - any place where individual cooling or heating and improved air quality is needed.

System 36RMLQ with one 18RMLQ and (2) 9RMLQ indoor units. Capacity required varies by region of the country. Please consult your HVAC professional for proper equipment sized for your space and conditions.

*** Dual zone systems 16.5 SEER and Tri/Quad zone systems 15.0 SEER**

	DUAL ZONES			TRI ZONES			QUAD ZONE		
	18RMLQ 9+9 Heat Pump	21RMLQ 12+9 Heat Pump	24RMLQ 12+12 Heat Pump	27RMLQ 9+9+9 Heat Pump	30RMLQ 12+9+9 Heat Pump	33RMLQ 12+12+9 Heat Pump	36RMLQ12x3 12+12+12 Heat Pump	36RMLQ 18+9+9 Heat Pump	36RMLQ9x4 9+9+9+9 Heat Pump
Total Min/Nom/Max Clg *BTU/h*	10 / 19 / 22.6k	10k / 21.5k / 26k	10k / 24k / 27.6k	11k / 27.6k / 33k	11k / 30.4k / 33.9k	11k / 33k / 34.6k	11k / 35.1k / 35.7k	11k / 35.2k / 36k	11k / 35.2k / 36k
Total Min/Nom/Max Htg *BTU/h*	10k / 22k / 26k	10k / 25k / 32k	10k / 28k / 33k	10k / 33k / 40.2k	10k / 35.5k / 40k	10k / 37k / 41k	10k / 37.2k / 42.6k	10k / 37.2k / 42k	10k / 36.5k / 42k
Min/Nom/Max Clg 9,000 *BTU/h Ea.*	5.5k / 9.5k / 11.3k	5.5k / 9.5k / 11.3k	-	5.5k / 9.5k / 11.3k	5.5k / 9.5k / 11.3k	5.5k / 9.5k / 11.3k	-	5.5k / 9.5k / 11.3k	5.5k / 9.5k / 11.3k
Min/Nom/Max Htg 9,000 *BTU/h Ea.*	5.1k / 11k / 13k	5.1k / 11k / 13k	-	5.1k / 11k / 13k	5.1k / 11k / 13k	5.1k / 11k / 13k	-	5.1k / 11k / 13k	5.1k / 11k / 13k
Min/Nom/Max Clg 12,000 *BTU/h Ea.*	-	5.5k / 12k / 13.6k	5.5k / 12k / 13.6k	-	5.5k / 12k / 13.6k	5.5k / 12k / 13.6k	5.5k / 12k / 13.6k	-	-
Min/Nom/Max Htg 12,000 *BTU/h Ea.*	-	5.1k / 14k / 15.4k	5.1k / 14k / 15.4k	-	5.1k / 14k / 15.4k	5.1k / 14k / 15.4k	5.1k / 14k / 15.4k	-	-
Min/Nom/Max Clg 18,000 *BTU/h Ea.*	-	-	-	-	-	-	-	5.8k / 17.8k / 19k	-
Min/Nom/Max Htg 18,000 *BTU/h Ea.*	-	-	-	-	-	-	-	5.1k / 20.5k / 23k	-
HSPF *BTU/hW*	9	9	9	9	9	9	9	9	9
SEER *BTU/hW*	16.5	16.5	16.5	15	15	15	15	15	15
EER *Clg/Htg*	12.2/12.5	11.2/12.3	10.4/11.9	10.0/11.2	9.2/11.5	8.8/11.2	8.8/11.3	8.8/11.3	8.8/12.2
Clg. Operating Range °F(°C)	32~115 (0~46)	32~115 (0~46)	32~115 (0~46)	32~115 (0~46)	32~115 (0~46)	32~115 (0~46)	32~115 (0~46)	32~115 (0~46)	32~115 (0~46)
Htg. Operating Range °F(°C)	14~75 (-10~24)	14~75 (-10~24)	14~75 (-10~24)	14~75 (-10~24)	14~75 (-10~24)	14~75 (-10~24)	14~75 (-10~24)	14~75 (-10~24)	14~75 (-10~24)
Moisture Removal *Pt./h(l/h)*	3.4 (1.6)	4.0 (1.9)	4.6 (2.2)	5.1 (2.4)	5.7 (2.7)	6.3 (3.0)	6.9 (3.3)	8.2 (4.5)	6.8 (3.2)
Voltage/Frequency/Phase	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1
Recommended Fuse Size *(A)*	25	25	25	30	30	30	30	30	30
Air Circ. *C.F.M.*: Hi/Med/Lo/Quiet 9,000 BTU Ea.	312/271/241/206	312/271/241/206	-	312/271/241/206	312/271/241/206	312/271/241/206	-	312/271/241/206	312/271/241/206
Air Circ. *C.F.M.*: Hi/Med/Lo/Quiet 12,000 BTU Ea.	-	365/318/283/241	365/318/283/241	-	365/318/283/241	365/318/283/241	365/318/283/241	-	-
Air Circ. *C.F.M.*: Hi/Med/Lo/Quiet 18,000 BTU Ea.	-	-	-	-	-	-	-	377/347/294/253	-
Noise Level *dB(A)*: Hi/Med/Lo/Quiet 9,000 BTU Ea.	37/33/29/25	37/33/29/25	-	37/33/29/25	37/33/29/25	37/33/29/25	-	37/33/29/25	37/33/29/25
Noise Level *dB(A)*: Hi/Med/Lo/Quiet 12,000 BTU Ea.	-	42/38/33/29	42/38/33/29	-	42/38/33/29	42/38/33/29	42/38/33/29	-	-
Noise Level *dB(A)*: Hi/Med/Lo/Quiet 18,000 BTU Ea.	-	-	-	-	-	-	-	44/42/38/33	-
Outdoor Fan Speed *RPM (Clg/Htg)*	780 / 780	780 / 780	780 / 780	850 / 900	850 / 900	850 / 900	850 / 900	850 / 900	850 / 900
Outdoor Noise Level *dB(A) (Clg/Htg)*	50 / 51	50 / 51	50 / 51	51 / 53	51 / 53	51 / 53	51 / 53	51 / 53	51 / 53
Current *Rated/Max (A)*: Cooling	6.8/9.2	8.4/12.1	10.1/12.1	12.0/18.3	14.4/18.3	16.4/18.3	17.5/18.3	17.5/18.3	17.5/18.3
Heating	7.710.1	8.9/12.1	10.3/12.1	13.0/18.3	13.5/18.3	14.5/18.3	14.5/18.3	14.5/18.3	13.1/18.3
Power Use *Rated/Max (kw)*: Cooling	1.56/1.9	1.92/2.5	2.30/2.5	2.75/3.8	3.30/3.8	3.75/3.8	4.00/3.8	4.00/3.8	4.00/3.8
Heating	1.76/2.1	2.04/2.5	2.35/2.5	2.96/3.8	3.10/3.8	3.30/3.8	3.30/3.8	3.30/3.8	3.00/3.8
Fan Speeds *Stage*	4 + Auto	4 + Auto	4 + Auto	4 + Auto	4 + Auto	4 + Auto	4 + Auto	4 + Auto	4 + Auto
Air Direction: *Horizontal*	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual
Vertical	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic
Air Filter	Washable	Washable	Washable	Washable	Washable	Washable	Washable	Washable	Washable
Plasma Filter	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Connection Method	Flare	Flare	Flare	Flare	Flare	Flare	Flare	Flare	Flare
Total Max. Lgth *Ft (m)*	98 (30)	98 (30)	98 (30)	230 (70)	230 (70)	230 (70)	230 (70)	230 (70)	230 (70)
Maximum Lgth Ea. *Ft. (m)*	82 (25)	82 (25)	82 (25)	82 (25)	82 (25)	82 (25)	82 (25)	82 (25)	82 (25)
Max. Vertical Diff. *Ft (m)*	33 (10)	33 (10)	33 (10)	49 (15)	49 (15)	49 (15)	49 (15)	49 (15)	49 (15)
Conn. Pipe Diameter *Inch*	Suc.3/8 / Dis.1/4	Suc.3/8 / Dis.1/4	Suc.3/8 / Dis.1/4	Suc.3/8 / Dis.1/4	Suc.3/8 / Dis.1/4	Suc.3/8 / Dis.1/4	Suc.3/8 / Dis.1/4	Suc.3/8 Suc.1/2 / Dis.1/4	Suc.3/8 / Dis.1/4
Net Weight *lbs. (kg)*	21 (9.5) / 137 (62)	21 (9.5) / 137 (62)	21 (9.5) / 137 (62)	21 (9.5) / 150 (68)	21 (9.5) / 150 (68)	21 (9.5) / 150 (68)	21 (9.5) / 150 (68)	21 (9.5) / 150 (68)	21 (9.5) / 150 (68)
Dimensions: Height *Inch*	11-1/8 / 32-3/4	11-1/8 / 32-3/4	11-1/8 / 32-3/4	11-1/8 / 32-3/4	11-1/8 / 32-3/4	11-1/8 / 32-3/4	11-1/8 / 32-3/4	11-1/8 / 32-3/4	11-1/8 / 32-3/4
mm	283 / 835	283 / 835	283 / 835	283 / 835	283 / 835	283 / 835	283 / 835	283 / 835	283 / 835
Width *Inch*	31-1/8 / 35-1/2	31-1/8 / 35-1/2	31-1/8 / 35-1/2	31-1/8 / 35-1/2	31-1/8 / 35-1/2	31-1/8 / 35-1/2	31-1/8 / 35-1/2	31-1/8 / 35-1/2	31-1/8 / 35-1/2
mm	790 / 900	790 / 900	790 / 900	790 / 900	790 / 900	790 / 900	790 / 900	790 / 900	790 / 900
Depth *Inch*	9-1/8 / 13	9-1/8 / 13	9-1/8 / 13	9-1/8 / 13	9-1/8 / 13	9-1/8 / 13	9-1/8 / 13	9-1/8 / 13	9-1/8 / 13
mm	230 / 330	230 / 330	230 / 330	230 / 330	230 / 330	230 / 330	230 / 330	230 / 330	230 / 330
Refrigerant	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A
	Indoor ASU9RMLQ x 2 / Outdoor AOU24RML	Indoor ASU9RMLQ ASU12RMLQ / Outdoor AOU24RML	Indoor ASU12RMLQ x 2 / Outdoor AOU24RML	Indoor ASU9RMLQ x 3 / Outdoor AOU36RML	Indoor ASU12RMLQ ASU9RMLQ x 2 / Outdoor AOU36RML	Indoor ASU12RMLQ x 2 ASU9RMLQ / Outdoor AOU36RML	Indoor ASU12RMLQ x 3 / Outdoor AOU36RML	Indoor ASU9RMLQ x 2 ASU18RMLQ / Outdoor AOU36RML	Indoor ASU9RMLQ x 4 / Outdoor AOU36RML

6 Year Compressor 2 Year Parts WARRANTY

Refrigerant R410A

INVERTER

Note: Figures are based on 230 Volts.

Ceiling Cassette Systems

SUPER ENERGY EFFICIENCIES

SYSTEMS 18RCLX, 24RCLX, 36RCLX, 42RCLX

UP TO 16-SEER

Function

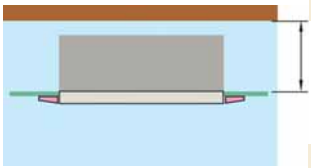
Up to 16-SEER, these models provide up to 60% increase in efficiency over 10-SEER models. These models offer the ability to send up to 50% of their capacity through two branch ducts to adjacent rooms. Slender fit feature now offered on all models decreases space required above the ceiling increasing application opportunities.

Wired Controller

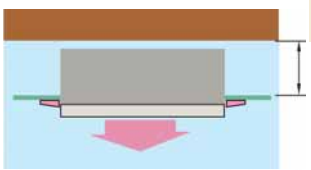
- Weekly timer
- Set on-off time twice a day
- Set different on-off time by day
- Set time in 5 minute intervals
- Control up to 16 indoor units

Standard Features

- Weekly Timer
- Dry Mode
- Auto Louver: Up/ Down
- Auto Mode
- Energy Saver
- Auto Restart/Reset
- Auto Changeover
- Child Lock Capable
- Controls Up To 16 Systems
- Low Ambient
- Cold Prevention
- Slender Fit
- Remote Controller Sensor
- Pump Down Operation
- High Ceiling Mode
- Branch Duct Capable
- Full Function Wired Remote



Standard Depth	
18RCLX 24RCLX	36RCLX 42RCLX
9-3/4”	11-7/8”



Slender Fit Depth	
18RCLX 24RCLX	36RCLX 42RCLX
8-1/2”	10-1/2”

Slender Fit

Cassette body can be moved downward into the room 1-3/8” to accommodate limited ceiling space.

Applications

Four-way airflow, concealed flush mount design and the ability to operate in high ceiling rooms makes these systems ideal for commercial applications such as offices, conference rooms, restaurants, night clubs and bars in retrofit and new construction. Long maximum combined piping lengths of 165 to 230 feet with 60 to 98 feet of height, depending on model, allow the outdoor unit to be remotely located up to 7 stories away and far from indoor unit. The ceiling cassettes are also used in new construction condominiums and homes taking advantage of their branch duct capability to feed adjacent rooms. These heat pumps provide up to 30% additional available heat when compared to conventional models.

Fujitsu provides knock-outs on all ceiling cassettes where contractors can:

- Install one or two optional field supplied 4" branch ducts to supply 25% or 50% of the cooling or heating capacity respectfully to an adjoining space up to 16 feet away.

	18RCLX Heat Pump		24RCLX Heat Pump		36RCLX Heat Pump		42RCLX Heat Pump	
Nominal Cooling *BTU/h*	17,800		22,200		34,100		42,700	
Min.~Max. Cooling *BTU/h*	5,000~21,500		5,000~27,300		8,500~36,000		13,700~45,000	
Nominal Heating *BTU/h*	21,000		24,200		36,000		45,200	
Min.~Max. Heating *BTU/h*	5,000~25,600		5,000~29,000		9,200~42,700		14,300~54,600	
HSPF *BTU/hW*	8.5		8.5		8.5		8.5	
SEER *BTU/hW*	16.0		15.0		14.0		15.0	
EER *Clg/Htg*	11.1 / 10.2		10.6 / 10.2		8.1 / 9.7		9.2 / 10.5	
Clg. Operating Range °F(°C)	0~115 (-18~46)		0~115 (-18~46)		0~115 (-18~46)		0~115 (-18~46)	
Htg. Operating Range °F(°C)	14~75 (-10~24)		14~75 (-10~24)		14~75 (-10~24)		0~75 (-18~24)	
Moisture Removal *Pt./h(l/h)*	5.3 (2.5)		6.4 (3.0)		8.5 (4.0)		11.6 (5.5)	
Voltage/Frequency/Phase	208-230/60/1		208-230/60/1		208-230/60/1		208-230/60/1	
Recommended Fuse Size *(A)*	20		20		30		30	
Air Circ. *C.F.M. (m^3/h)*: Hi	559 (950)		618 (1,050)		942 (1,600)		1,000 (1,700)	
Medium	477 (810)		536 (910)		824 (1,400)		854 (1,450)	
Low	394 (670)		436 (740)		677 (1,150)		736 (1,250)	
Noise Level *dB(A)*: Hi	42/40 (Clg/Htg)		45/43 (Clg/Htg)		48/48 (Clg/Htg)		50/50 (Clg/Htg)	
Medium	39/38 (Clg/Htg)		43/39 (Clg/Htg)		45/45 (Clg/Htg)		48/48 (Clg/Htg)	
Low	36/36 (Clg/Htg)		38/35 (Clg/Htg)		41/41 (Clg/Htg)		44/44 (Clg/Htg)	
Outdoor Fan Speed *RPM*	780/780		850/900		850/900		850/750	
Outdoor Noise Level *dB(A)*	51/53 (Clg/Htg)		53/55 (Clg/Htg)		54/55 (Clg/Htg)		55/56 (Clg/Htg)	
Current *Rated/Max (A)*: Cooling	7.0/12.5		9.2/12.5		18.3/18.8		20.3/21.7	
Heating	8.9/12.5		10.4/12.5		16.1/18.8		18.8/21.7	
Power Use *Rated/Max (kw)*: Cooling	1.61/2.88		2.10/2.88		4.22/4.35		4.66/4.99	
Heating	2.05/2.88		2.37/2.88		3.70/4.35		4.31/4.99	
Fan Speeds *Stage*	3 + Auto		3 + Auto		3 + Auto		3 + Auto	
Air Direction: *Horizontal*	-		-		-		-	
Vertical	Automatic		Automatic		Automatic		Automatic	
Air Filter	Washable		Washable		Washable		Washable	
Front Grille	Removable		Removable		Removable		Removable	
Connection Method	Flare		Flare		Flare		Flare	
Combined Max. Lgth *Ft (m)*	165 (50) Each		165 (50) Each		165 (50) Each		230 (70) Each	
Max. Vertical Diff. *Ft (m)*	65/20		65/20		98/30		98/30	
Conn. Pipe Diameter *Inch*	Suc. 1/2	Dis. 1/4	Suc. 5/8	Dis. 3/8	Suc. 5/8	Dis. 3/8	Suc. 5/8	Dis. 3/8
Net Weight *lbs. (kg)*	75 (34)	141 (64)	75 (34)	141 (64)	82 (37)	141 (64)	88 (40)	231 (105)
Dimensions: Height *Inch*	9-3/4	32-3/4	9-3/4	32-3/4	11-5/8	32-3/4	11-5/8	50-7/8
mm	246	830	246	830	296	830	296	1290
Width *Inch*	32-3/4	35-1/2	32-3/4	35-1/2	32-3/4	35-1/2	32-3/4	35-1/2
mm	830	900	830	900	830	900	830	900
Depth *Inch*	32-3/4	13	32-3/4	13	32-3/4	13	32-3/4	13
mm	830	330	830	330	830	330	830	330
Refrigerant	R410A		R410A		R410A		R410A	
	Indoor AUU18RCLX	Outdoor AOU18RLX	Indoor AUU24RCLX	Outdoor AOU24RLX	Indoor AUU36RCLX	Outdoor AOU36RLX	Indoor AUU42RCLX	Outdoor AOU42RLX

Note: Figures are based on 230 Volts.

6 Year Compressor 2 Year Parts WARRANTY

Refrigerant R410A

INVERTER

Ceiling and Universal Mounted Systems

SYSTEM VERSATILITY

SYSTEMS 18RULX, 24RULX, 36RSLX

UP TO 16-SEER

Function

Up to 16-SEER, these models can provide up to 60% increase in efficiency over 10-SEER models. The 18RULX and the 24RULX are universal mount. They can mount low on the floor or low on the wall; mount high enough for a vacuum to get under them, or transverse mount them on the ceiling. The 36RSLX can only be mounted on the ceiling, can take in Fresh air and can throw air farther.

Standard Features

- Wireless Remote Control
- 24 Hour Timer
- Dry Mode
- Auto Louver: 4 Way
- Auto Mode
- Energy Saver
- Auto Restart/Reset
- Auto Changeover
- Low Ambient
- Cold Prevention
- Pump Down Operation
- Fresh Air Intake*

Optional Remote

- Full Function Wired Remote
- Weekly Timer
- Remote Controller Sensor
- Child Lock Capable
- Controls Up To 16 Systems

UTB-UUB

	18RULX Heat Pump	24RULX Heat Pump	36RSLX Heat Pump			
Nominal Cooling *BTU/h*	17,800	22,200	34,100			
Min.~Max. Cooling *BTU/h*	5,000~21,600	5,000~27,300	8,500~36,000			
Nominal Heating *BTU/h*	21,500	24,000	36,500			
Min.~Max. Heating *BTU/h*	5,000~25,600	5,000~29,000	9,200~42,700			
HSPF *BTU/hW*	8.5	8.5	8.5			
SEER *BTU/hW*	16.0	15.0	14.0			
EER *Clg/Htg*	10.9/9.6	9.9/10.2	8.1/10.4			
Clg. Operating Range °F(°C)	0~115 (-18~46)	0~115 (-18~46)	0~115 (-18~46)			
Htg. Operating Range °F(°C)	14~75 (-10~24)	14~75 (-10~24)	14~75 (-10~24)			
Moisture Removal *Pt./h(l/h)*	5.3 (2.5)	7.4 (3.5)	7.4 (3.5)			
Voltage/Frequency/Phase	208-230/60/1	208-230/60/1	208-230/60/1			
Recommended Fuse Size *(A)*	20	20	30			
Air Circ. *C.F.M. (m^3/h)*: Hi	459 (780)	518 (880)	1089 (1850)			
Medium	383 (650)	436 (740)	977 (1660)			
Low	550 (324)	371 (630)	842 (1430)			
Noise Level *dB(A)*: Hi	43/43 (Clg/Htg)	47/47 (Clg/Htg)	48/48 (Clg/Htg)			
Medium	39/39 (Clg/Htg)	43/43 (Clg/Htg)	45/43 (Clg/Htg)			
Low	35/35 (Clg/Htg)	38/38 (Clg/Htg)	41/39 (Clg/Htg)			
Outdoor Fan Speed *RPM*	780/780	850/900	850/900			
Outdoor Noise Level *dB(A)*	51/53	53/55	54/55			
Current *Rated/Max (A)*: Cooling	7.1/12.5	9.8/12.5	18.3/18.8			
Heating	9.8/12.5	10.2/12.5	15.3/18.8			
Power Use *Rated/Max (kw)*: Cooling	1.63/2.88	2.25/2.88	4.22/4.35			
Heating	2.25/2.88	2.35/2.88	3.50/4.35			
Fan Speeds *Stage*	3 + Auto	3 + Auto	3 + Auto			
Air Direction: *Horizontal*	Automatic	Automatic	Automatic			
Vertical	Automatic	Automatic	Automatic			
Air Filter	Washable	Washable	Washable			
Front Grille	Permanent	Permanent	Permanent			
Connection Method	Flare	Flare	Flare			
Combined Max. Lgth *Ft (m)*	165 (50)	165 (50)	165 (50)			
Max. Vertical Diff. *Ft (m)*	66 (20)	66 (20)	98 (30)			
Conn. Pipe Diameter *Inch*	Suc.1/2	Dis. 1/4	Suc.5/8	Dis. 3/8	Suc.5/8	Dis. 3/8
Net Weight *lbs. (kg)*	62 (28)	141 (64)	62 (28)	141 (64)	106 (48)	141 (64)
Dimensions: Height *Inch*	7-7/8	32-3/4	7-7/8	32-3/4	9-1/2	32-3/4
mm	199	830	199	830	240	830
Width *Inch*	39-1/8	35-1/2	39-1/8	35-1/2	65-1/2	35-1/2
mm	990	900	990	900	1660	900
Depth *Inch*	25-7/8	13	25-7/8	13	27-5/8	13
mm	655	330	655	330	700	330
Refrigerant	R410A		R410A		R410A	
	Indoor ABU18RULX	Outdoor AOU18RLX	Indoor ABU24RULX	Outdoor AOU24RLX	Indoor ABU36RSLX	Outdoor AOU36RLX

Note: Figures are based on 230 Volts.

Applications

The universal mount 18RULX and 24RULX are ideal for house of worship to mount beneath stained glass windows. Lower in height that the pews they do not disturb the aesthetics of the space. With long piping lengths of 165' the outdoor units can also be placed remotely out of sight. Another popular application for this model is in hallways where wall space is limited. The 36RSLX is popular where fresh air intake and high capacity is required like a restaurant or bar. They are also often suspended from threaded rod and used in multiple to condition large warehouse spaces.

*Fresh air knockout available. Fresh air motor and ductwork field supplied.

6 Year Compressor 2 Year Parts WARRANTY

Refrigerant R410A

INVERTER

Warning

Always use a licensed installer or contractor to install this product. Do not try to install the product yourself. Improper installation can result in water or refrigerant leakage, electrical shock, fire or explosion. Use only parts and accessories supplied or specified by Fujitsu. Ask a licensed contractor to install parts and accessories. Use of unauthorized or improper installation of parts and accessories can result in injury or property damage. Read the owner's operation manual carefully before using this product. The owners operation manual provides important safety instructions and warnings which should be followed closely. For any questions or concerns, please contact Fujitsu General America, Inc.

Heat Pump Disclaimer

In some climates a heat pump will handle all of your heating needs. However, this system usually requires some other primary source of heat to satisfy heating requirements in colder environments. Almost all of Fujitsu's heat pumps use inverter technology and as such offer a wider operating range and more heat capacity than a standard heat pump but will not provide adequate heating if improperly sized or operated outside of its operating range. Specifications vary by model; please consult your contractor before choosing a heat pump as your only source of heat.

Accessories and Recommendations

Replacement Air Filter:

9CQ, 12CQ, 9RQ, 12RQ, 9RLQ, 12RLQ, and all Multi-Zone Systems - 6 to 8 year life expectancy plasma filter: • CartridgeFilter • Media

18RL, 18CL, 24CL, 24RL, 30CLX, 36CLX - 3 to 12 month life expectancy, depending on room conditions and usage: • Apple Catechin Filter • Ion Deodorizing Filter

Condensate Pumps: Fujitsu condensate pump is available for System 36RSLX. Part Number UTR-DPB241. All other models can be fitted with a Micro-pump, field supplied.

Low Ambient Operation: Systems can operate in cooling mode even when outdoor ambient is 0°F, 14°F or 32°F, depending on model, without modification. Operation outside of factory specification is not recommended.

For more information, contact your local representative or distributor; or contact Fujitsu General America, Inc.

ISO Certification

ISO14001 is the standard defined by the International Organization for Standardization (ISO) related to environmental management systems. Fujitsu General America, Inc. has been acknowledged by an internationally accredited compliance organization as having an appropriate program of environmental protection procedures and activities to meet the requirements of ISO14001.

The air conditioners manufactured by Fujitsu have received ISO9001 series certification for quality assurance.

- ISO9001
- ISO14001

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Complete System Warranty

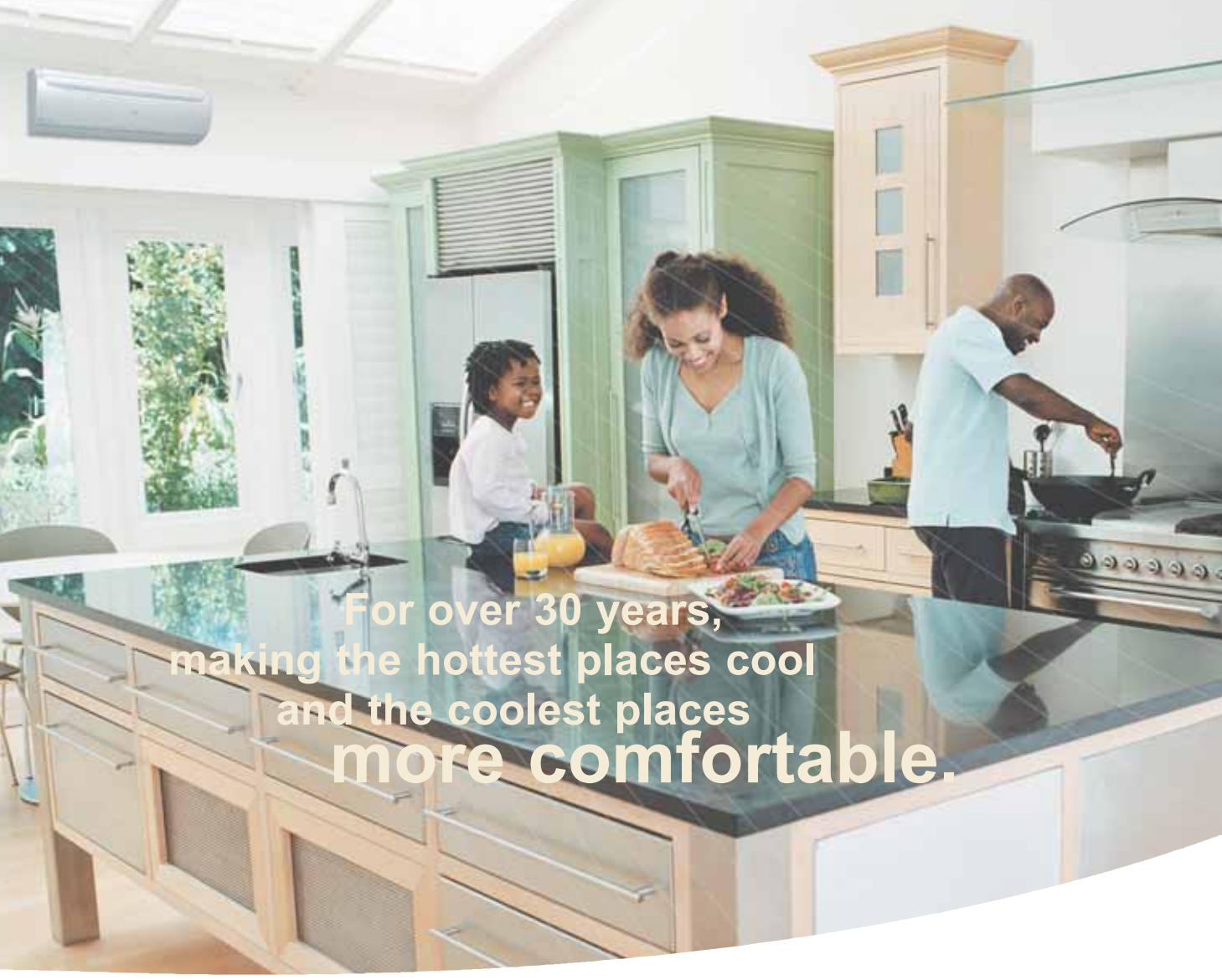
2 Year - Parts
6 Years - Compressor

Note: Condensing units come pre-charged from factory. Additional refrigerant may be required, be sure to check installation manual for more details.

- Cooling capacity is based on the following conditions:
  Indoor temperature: 80°F DB/67°F WB (26.7°C DB/19.4°C WB)
  Outdoor temperature: 95°F DB/75°F WB (35°C DB/23.9°C WB)
- Heating capacity is based on the following conditions:
  Indoor temperature: 70°F DB (21.1°C DB)
  Outdoor temperature: 47°F DB/43°F WB (8.3°C DB/6.1°C WB)

Fujitsu Model Nomenclature

Model		36	R		M		L		Q	
ASU	Wall Mount	BTUs in thousands	R =	Reverse cycle heat pump	M =	Multi-Zone	L =	Inverter	Q =	IAQ
ABU	Universal Mount Ceiling Suspended		C =	Cooling only	C =	Cassette	X =	Extended Line Set	X =	Extended Line Set
AUU	Cassette Mount				S =	Ceiling Suspended	Q =	IAQ		
AOU	Outdoor Unit				L =	Wall Mount Inverter				
					U =	Universal				



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